Attorney Docket No. UCSD1480-1

In Re Application of:

Hostetler et al.

Application No.: 10/770,885

Filed: February 2, 2004

Page 2

Amendments to the Claims:

Please amend claims 1, 10-12, 23, and 24 as shown in the listing of claims.

Please cancel claims 7-9, 25, and 27 without prejudice.

This listing of claims will replace all prior versions, and listings of claims in the

application.

**Listing of Claims:** 

1. (Currently Amended) A method for treating a pathological condition of ocular

tissue, intraocular disease, herpes simplex virus-1 (HSV-1) or cytomegalovirus

(CMV) retinitis or other ocular viral infections comprising contacting a

therapeutically active complex with ocular tissue, wherein the therapeutically

active complex is 1-O-hexadecyloxypropyl-phospho-arabinofuranosylguanosine

(HDP-P-Ara-G), intravitreally injecting a solution of microfluidized particles of

1-O-hexadecylcycloxypropyl-cyclic-cidofovir (HDP-cCDV) or microfluidized

particles of hexadecyloxypropyl-3-phosphoganciclovir (HDP-P-GCV) to the eye,

wherein the pathological condition is selected from the group consisting of

macular degeneration, ocular proliferative or vascular diseases, and diseases of

elevated intraocular pressure thereby treating the pathological condition HDP-

cCDV and the HDP-P-GCV particles have a volume median diameter of about

4.4 µm, with the proviso that the method does not use liposomes.

2-9. (Canceled).

10. (Currently Amended) The method of claim 1, wherein the therapeutically active

complex is in a slurry comprising microfluidized particles of HDP-cCDV and the

microfluidized particles of HDP-P-GCV are in amorphous forms and/or

crystalline forms.

WEST\223153266.1 000134-000308 In Re Application Of: Hostetler et al.

Attorney Docket No. UCSD1480-1

Application No.: 10/770,885

Filed: February 2, 2004 Page 3

11. (Currently Amended) The method of claim 1, wherein the therapeutically active complex—is microfluidized particles of HDP-cCDV and the microfluidized particles of HDP-P-GCV are in substantially crystalline form.

12. (Currently Amended) The method of claim 1, wherein the therapeutically active complex is microfluidized particles of HDP-cCDV and the microfluidized particles of HDP-P-GCV are in substantially amorphous form.

13-22. (Canceled).

- 23. (Currently Amended) A method for the slow-release delivery of a therapeutically active agent to ocular tissue, comprising contacting the ocular tissue with a therapeutically active complex, wherein the therapeutically active complex is 1-O-hexadecyloxypropyl-phospho-arabinofuranosyl-guanosine (HDP-P-Ara-G), 1-O-hexadecylcycloxypropyl-cyclic-cidofovir (HDP-cCDV) or hexadecyloxypropyl-3-phospho-ganciclovir (HDP-P-GCV) to the eye, comprising intravitreally injecting a solution of microfluidized particles of HDP-P-Ara-G, or microfluidized particles of HDP-cCDV or microfluidized particles of HDP-P-GCV to the eye, wherein the therapeutically active complex comprises particles having size between about 10 nm and about 100,000 nm, thereby delivering a slow-release of the therapeutically active agent to ocular tissue microfluidized particles of HDP-P-Ara-G, HDP-cCDV, and HDP-P-GCV have a volume median diameter of about 4.4 µm, with the proviso that the method does not use liposomes.
- 24. (Currently Amended) A method for increasing residence time of a therapeutically active agent in ocular tissue, comprising contacting a therapeutically active complex with ocular tissue, wherein the therapeutically active complex is 1-O-hexadecyloxypropyl-phospho-arabinofuranosylguanosine (HDP-P-Ara-G), 1-O-hexadecyloxypropyl-cyclic-cidofovir (HDP-cCDV) or hexadecyloxypropyl-3-phospho-ganciclovir (HDP-P-GCV) in the eye, thereby increasing residence

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Page 4

time of the therapeutically active agent in ocular tissue comprising intravitreally injecting a solution of microfluidized particles of HDP-P-Ara-G, microfluidized particles of HDP-P-cCDV or microfluidized particles of HDP-GCV to the eye, wherein the microfluidized particles of HDP-P-Ara-G, and the microfluidized particles of HDP-P-cCDV, and the microfluidized particles of HDP-GCV have a volume median diameter of about 4.4  $\mu$ m, with the proviso that the method does not use liposomes.

25-63. (Canceled).